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TITLE: MITE CONTROLLING AGENT

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INVENTOR-INFORMATION:

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APPL-NO: JP02207063

APPL-DATE: August 4, 1990

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ABSTRACT:

PURPOSE: To obtain a mite controlling agent, containing eugenol, methylisoeugenol or derivative thereof, etc., as an active ingredient with high safety for human bodies and especially useful for controlling mites of the families Dermatophagoidinae, Acaridae, Cheyletidae, etc.

CONSTITUTION: A mite controlling agent containing 0.1-40wt.%, especially 0.5-40wt.% compound expressed by the formula (R is H, alkyl or aralkyl; X is CH₂-CH=CH₂ or CH=CH-CH₃). The compound expressed by the formula is available from a wood oil ingredient prepared by extracting wood of *Sciadopitys verticillata* Sieb. et Zucc. with methanol, etc., or can also be chemically synthesized. The compound expressed by the formula is normally mixed with a solid carrier, a liquid carrier, a gaseous carrier, a surfactant, a film-forming agent and other adjuvants and prepared as a formulation such as an emulsion, a wettable powder, a dust, a granule, an aerosol, a fumigant or a poison bait to carry out treatment of TATAMI mats (a mat in Japanese life), carpets, sofas, FUTON (thick bedquilt), closets, warehouses, etc., by a method for spraying, coating,

closets, warehouses, etc., by a method for spraying, coating, thermal volatilization, etc.

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